IP Camera

IE Setup User Manual

Ver 1.0

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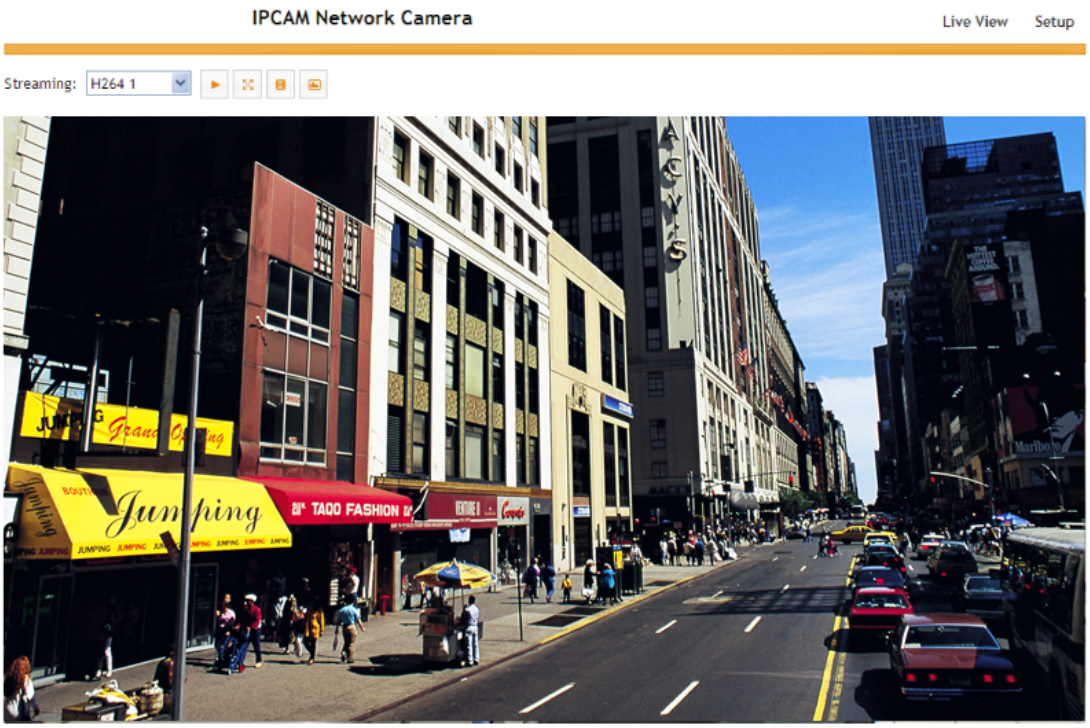
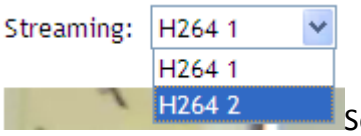
A. LIVE View

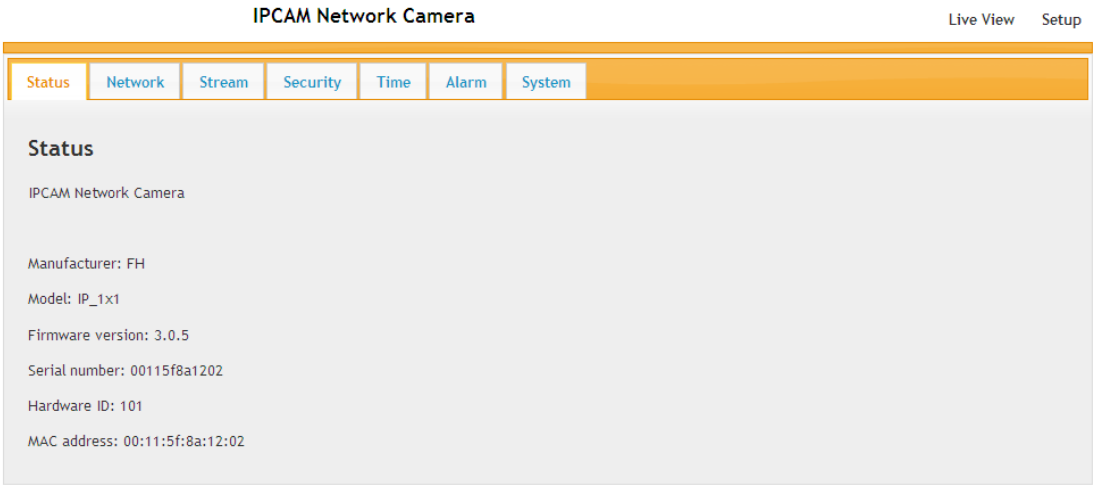


1. **Play** : Start/Stop the live image.
2. **Full Screen** : Full Screen button: Press the button to display the image in full screen mode. Press “ESC” to back to normal screen mode.
3. **Record**: Manual Record: Record the video manually. Press again to stop the recording. Default folder for saved video files is in “C:\record” .
4. **Snapshot** : Snapshot: Manually take a snapshot for current picture. Default folder for saved picture files is in “C:\record”
5. 

Select Main/Sub Streaming for the video. You can modify the parameters for resolution, fps, etc., for each streaming.
6. Live View : Live View: This button will let users back to Live display mode immediately and display the image in main video streaming.
7. **OSD** : OSD (On-screen display) will display date and time at the upper left corner of the image. The time format is year/month/day/hour/minute/second.

B. Setup-Status

1. Status Display Page



2. **This page will display the current IPCAM information.**

Manufacturer：The manufacturer of IP camera

Model：Model name for the IP camera

Firmware Version：The current firmware version for the IPCAM

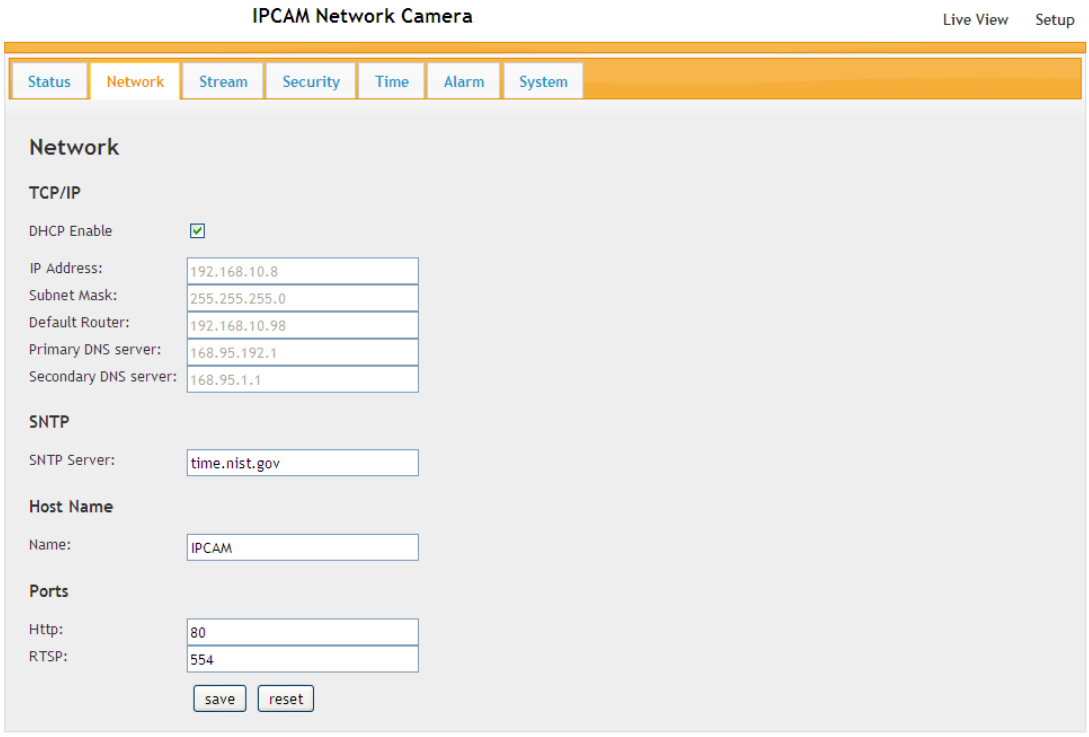
Serial Number：Serial number for the IPCAM

Hardware ID：IPCAM Product ID

MAC Address：MAC address for the IPCAM

C. Setup-Network

1. Netwrok Setup Page



2. TCP/IP

i. DHCP Enable

If DHCP is enabled, the IPCAM will automatically search for the DHCP server and acquire the IP address automatically. If disabled, the user has to set TCP/IP settings manually.

ii. IP address

IP address for the IPCAM. This IP address must be different from other network devices.

iii. Subnet Mask

A sub-network, or subnet, is a logically visible subdivision of an IP network. Usually the setting will be 255.255.255.0. For more details, please contact your MIS staff for more information.

iv. Default Router

Also called default gateway. The Gateway Address (or Default Gateway) is a router interface connected to the local network that is used to send packets out of the local network. You can use the router's IP address as the Default Gateway or consult your ISP for it.

v. **Primary DNS Server**

Set up your primary DNS server's IP address. When locating a network device, you need to input a numerical IP address, which is difficult to remember. DNS (Domain Name System) allows you to input an IP address in text format and automatically maps it to the numerical IP address of that network device. For example, when a user inputs a registered domain name (such as www.yahoo.com), the DNS server automatically maps the domain name to an IP address such as 72.30.2.43

vi. **Secondary DNS Server**

Set up your secondary DNS server's IP address. Once the primary DNS server failed, the IPCAM will use the secondary DNS server instead.

3. **SNTP**

i. SNTP Server

Simple Network Time Protocol This will allow your IPCAM to connect to the SNTP Server and synchronize the current time with the server. A valid SNTP server is needed.

4. **Host Name**

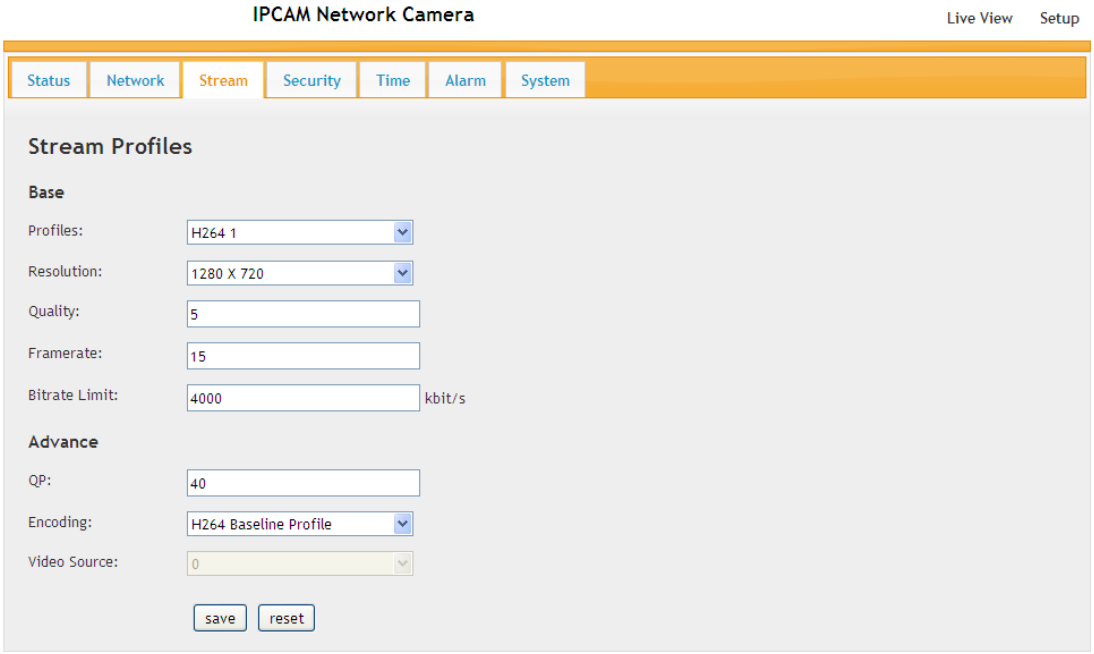
ii. The user can modify the name for the IPCAM. Default value is "IPCAM"

5. **Ports**

The user can change the http/rtsp port for IPCAM

D. Setup-Stream Profiles

1. Setup Page



2. Base

i. Profiles

Choose the main/sub streaming and modify the parameters for it at below.

ii. Resolution

Selectable values are 320x240、640x480、1280x720、1600x1200

iii. Quality

Picture quality: Values from 1~5 (1: Lowest, 5: Best)

iv. Frame-rate

Set up the frame rate for the IPCAM. Maximum frame rate will be 30 fps but at the resolution of 1280x720 or 1600*1200, the maximum frame rate will be only 15fps.

v. Bit-rate Limit

Bit-rate per second (unit: kbit/sec). High bit-rate will allow the user have a better image quality but will impact on transfer speed and smoothness.

vi. QP

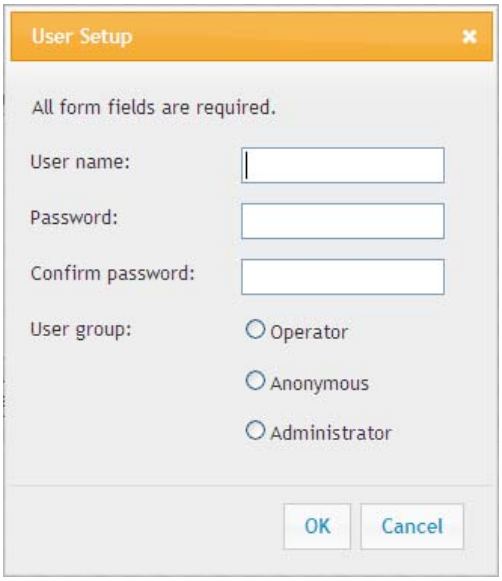
Quantization Parameter (QP) in H.264/AVC decoded video

E. Setup-Security

1. Setup Page

2. Security Setup

You can add users and set up privileges for each users at the following page.



F. Setup-Time

1. Setup Page

2. **Timezone Setting**

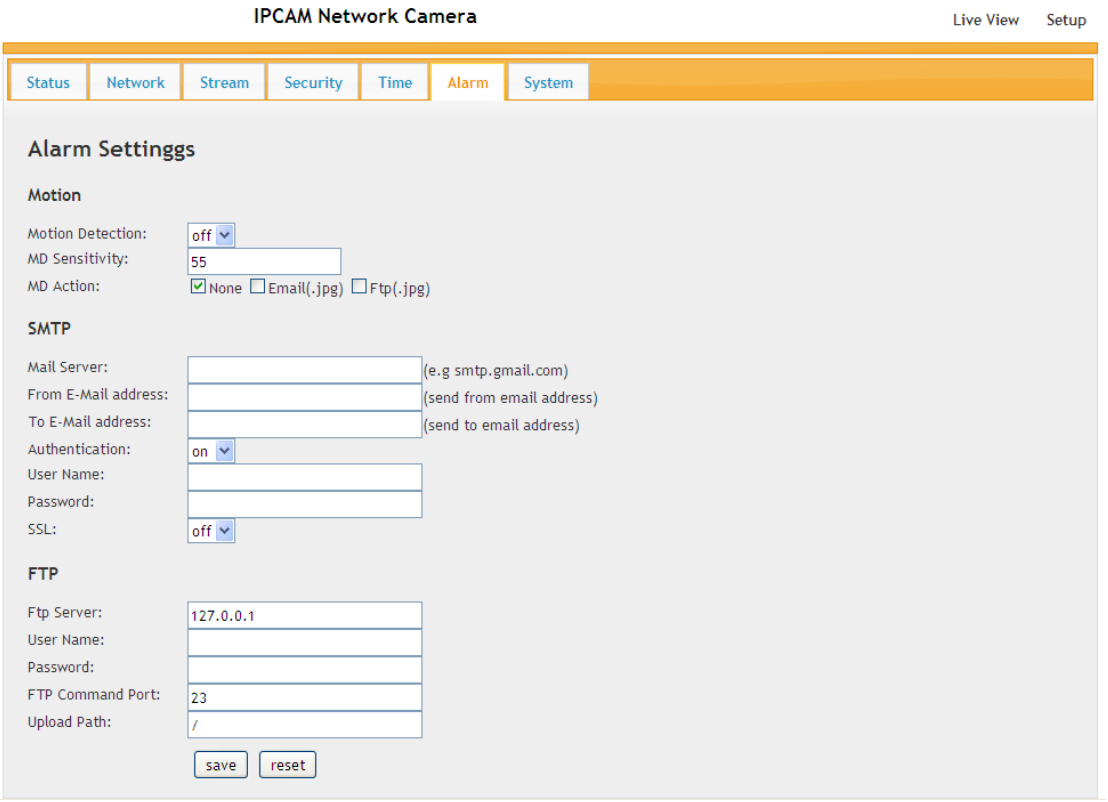
   Set up your time zone for your IPCAM.

3. **Upgrade System time**

   You can manually set up the date/time for your IPCAM or synchronize the time with your personal computer.

G. Setup-Alarm

1. Setup Page



2. **Motion Detection**

You can modify the sensitivity for motion detection here. When enabled, IPCAM will send notification by email or to FTP when the alarm is triggered.

3. **SMTP & FTP Setting**

Set up your SMTP/FTP server for the IPCAM

H. Setup-System

1. Setup Page

2. **Server Maintenance**

Restart：Reboot your IPCAM

Restore：Restore all the values to the default factory values except for the IP settings.

Default：Restore all the values to the default factory values